



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 0325.00306	SERIAL NO. 09/768,900
---	-------------------------------	--------------------------

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT: Edward L. Grivna	
	FILING DATE January 24, 2001	GROUP 2661

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date
<i>JX</i>	5 0 0 3 5 9 9	3/26/1991	Landry	380	48	
<i>JX</i>	5 0 1 0 5 5 9	4/23/1991	O'Connor et al.	375	116	
<i>JX</i>	5 3 6 7 5 4 4	11/22/1994	Bruckheimer	375	116	
<i>JX</i>	5 5 9 8 4 2 4	1/28/1997	Erickson et al.	371	48	
<i>JX</i>	5 6 6 6 5 4 7	9/9/1997	James et al.	395	898	
<i>JX</i>	5 6 9 4 0 5 6	12/2/1997	Mahoney et al.	326	38	
<i>JX</i>	5 7 9 0 6 0 7	8/4/1998	Burke et al.	375	355	
<i>JX</i>	5 9 6 0 0 0 7	9/28/1999	Grivna	370	509	
<i>JX.</i>	5 9 8 2 7 8 6	11/9/1999	Grivna	370	503	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-Class	Transl.	
						Yes	No

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)

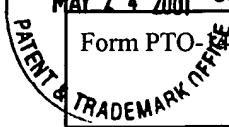
<i>JX</i>	ITU-T, G.702, "DIGITAL HIERARCHY BIT RATES", 1984, amended 1988, pp. 1-4.
	ITU-T, G.751, "DIGITAL MULTIPLEX EQUIPMENTS OPERATING AT THE THIRD ORDER BIT RATE OF 34 368 kbit/s AND THE FOURTH ORDER BIT RATE OF 139 264 kbit/s AND USING POSITIVE JUSTIFICATION", 1976, pp. 1-13.
<i>JX</i>	ITU-T, G.704, "SYNCHRONOUS FRAME STRUCTURES USED AT 1544, 6312, 2048, 8448 AND 44 736 kbit/s HIERARCHICAL LEVELS", 1984, amended 1988, revised in 1990, 1995 and 1998, pp. 1-37.
	"AN EXPERIMENTAL PULSE CODE MODULATION SYSTEM FOR SHORT-HAUL TRUNKS", By C.G. Davis, The Bell System Technical Journal, January 1962, Vol. XLI, No. 1, pp. 1-24.

Examiner <i>John D. Lewis</i>	Date Considered <i>8/2/2004</i>
Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 0325.00306	SERIAL NO. 09/768,900			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Edward L. Grivna				
		FILING DATE January 24, 2001	GROUP 2661			
U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-Class	Transl.
						Yes
						No
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)						
<i>J.A.</i>	"D2 CHANNEL BANK: SYSTEM ASPECTS", By H.H. Henning et al., The Bell System Technical Journal, October 1972, Vol. 51, No. 8, pp. 1641-1657.					
<i>J.A.</i>	"DATA COMMUNICATION, A USER'S GUIDE", 3rd Edition, By Ken Sherman, pp. 361-370.					
<i>J.A.</i>	"DIGITAL TELEPHONY", Second Edition, By John Bellamy, pp. 110-119.					
<i>J.A.</i>	"DIGITAL TELEPHONY", Second Edition, By John Bellamy, pp. 180-217.					
<i>J.A.</i>	"DIGITAL TELEPHONY", Second Edition, By John Bellamy, pp. 334-359.					
<i>J.A.</i>	"DIGITAL TRANSMISSION SYSTEMS", Second Edition, By David R. Smith, 1993, pp.-178-352.					
<i>J.A.</i>	"FUNDAMENTALS OF DIGITAL SWITCHING", Second Edition, By John C. McDonald, 1990, pp. 285-322.					
<i>J.A.</i>	"A HISTORY OF ENGINEERING AND SCIENCE IN THE BELL SYSTEM TRANSMISSION TECHNOLOGY (1925-1975)", By E.F. O'Neill, 1985, pp. 527-607.					
Examiner <i>John A. O'Neill</i>	Date Considered <i>8/2/2004</i>					
Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

MAY 24 2001



Form PTO-1449 U.S. DEPARTMENT OF
COMMERCE PATENT AND
TRADEMARK OFFICE

ATTY DOCKET NO.
0325.00306

SERIAL NO.
09/768,900

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT:
Edward L. Grivna

FILING DATE
January 24, 2001

GROUP
2661

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-Class	Transl.
						Yes No

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)

<i>✓</i>	"SYNTRAN-A NEW DIRECTION FOR DIGITAL TRANSMISSION TERMINALS", By G.R. Ritchie, November 1985, IEEE Communications Magazine, Vol. 23, No. 11, pp. 20-25.
<i>✓</i>	"INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, 1973 INTERNATIONAL CONFERENCE ON COMMUNICATIONS", pp. 22-1 through 22-3.
<i>✓</i>	"INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, 1975 INTERNATIONAL CONFERENCE ON COMMUNICATIONS", Vol. III, pp. 39-1 through 39-4.
<i>✓</i>	"INTRODUCTION TO TELEPHONES & TELEPHONE SYSTEMS", Second Edition, By A. Michael Noll, 1991, pp. 31-79.
<i>✓</i>	"THE MCGRAW-HILL TELECOMMUNICATIONS FACTBOOK", By Joseph A. Pecar et al., 1993, pp. 29-50.
<i>✓</i>	"THE TELEPHONE AN HISTORICAL ANTHOLOGY", By George Shiers, 1977, pp. 358-363.
<i>✓</i>	"UNDERSTANDING TELEPHONE ELECTRONICS", Third Edition, 1994, pp. 253-280.
<i>✓</i>	"COMPUTER NETWORKS", Third Edition, By Andrew S. Tanenbaum, 1996, pp 1-813.
<i>✓</i>	"TRANSMISSION SYSTEMS", By J.E. Flood et al., 1995, pp. 1-503.

Examiner *Edward L. Grivna* Date Considered *8/2/2004*

Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY DOCKET NO. 0325.00306	SERIAL NO. 09/768,900				
<p style="text-align: right;"><i>RECEIVED FEB 01 2002 Technology Center 2600</i></p> <p><i>O I P E A INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN 29 2002</i></p>							APPLICANT: Edward L. Grivna					
							FILING DATE January 24, 2001	GROUP 2661				
U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name		Class	Sub-Class	Filing Date
<i>LS</i>	5	6	0	8	7	3	4	3/4/1997	Sandler et al.	370	509	
<i>LS</i>	5	6	6	1	7	6	3	4/26/1997	Sands	375	368	
<i>LS</i>	5	6	7	1	2	2	3	9/23/1997	Shachar et al.	370	395	
<i>LS</i>	5	8	3	8	6	3	1	11/17/1998	Mick	365	233	
<i>LS</i>	5	8	5	4	7	9	4	12/29/1998	Pawlowski	370	509	
FOREIGN PATENT DOCUMENTS												
	Document No.				Date	Country			Class	Sub-Class	Transl.	
											Yes	No
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
Examiner <i>John Shear</i>	Date Considered <i>8/2/2004</i>											
Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												